

## WEST Search History

DATE: Sunday, July 11, 2004

Hide?	Set Name	Query	Hit Count
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L1	f box with (hybrid or fusion)	22

END OF SEARCH HISTORY

## Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 10 of 22 returned.

☐ 1. Document ID: US 20040123344 A1

Using default format because multiple data bases are involved.

L1: Entry 1 of 22

File: PGPB

Jun 24, 2004

PGPUB-DOCUMENT-NUMBER: 20040123344  
 PGPUB-FILING-TYPE: new  
 DOCUMENT-IDENTIFIER: US 20040123344 A1

TITLE: Novel gene encoding an f-box protein which regulates leaf longevity in arabidopsis thaliana and mutant gene thereof

PUBLICATION-DATE: June 24, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Nam, Hong Gil	Kyungbuk		KR	
Woo, Hye Ryun	Kyungbuk		KR	

US-CL-CURRENT: 800/278; 435/320.1, 435/419, 435/6, 435/69.1, 530/370, 536/23.6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draws	De
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☐ 2. Document ID: US 20040038358 A1

L1: Entry 2 of 22

File: PGPB

Feb 26, 2004

PGPUB-DOCUMENT-NUMBER: 20040038358  
 PGPUB-FILING-TYPE: new  
 DOCUMENT-IDENTIFIER: US 20040038358 A1

TITLE: Proteolysis targeting chimeric pharmaceutical

PUBLICATION-DATE: February 26, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Dashaies, Raymond J.	Claremont	CA	US	
Crews, Craig	New Haven	CT	US	
Sakamoto, Kathleen M.	Manhattan Beach	CA	US	

US-CL-CURRENT: 435/188.5; 424/178.1, 424/94.63, 435/226

h      e b      b g e e e f      e c      ef      b      e

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 3. Document ID: US 20030219739 A1

L1: Entry 3 of 22

File: PGPB

Nov 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030219739

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030219739 A1

TITLE: Novel nucleic acid and polypeptide molecules

PUBLICATION-DATE: November 27, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Glass, David J.	Cortlandt Manor	NY	US	
Bodine, Sue C.	West Harrison	NY	US	

US-CL-CURRENT: 435/6; 435/320.1, 435/325, 435/69.1, 530/350, 536/23.2, 800/9

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 4. Document ID: US 20030170737 A1

L1: Entry 4 of 22

File: PGPB

Sep 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030170737

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030170737 A1

TITLE: Cell-based screening methods

PUBLICATION-DATE: September 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Cardone, Michael H.	Boston	MA	US	
Yaffe, Michael	Jamaica Plain	MA	US	

US-CL-CURRENT: 435/7.2; 435/15

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 5. Document ID: US 20030143654 A1

L1: Entry 5 of 22

File: PGPB

Jul 31, 2003

PGPUB-DOCUMENT-NUMBER: 20030143654  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030143654 A1

TITLE: F-box containing protein

PUBLICATION-DATE: July 31, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Grell, Matthias	Darmstadt		DE	
Ducker, Klaus	Darmstadt		DE	
Frohme, Marcus	Edingen		DE	
Hoheisel, Jorg	Wiesloch		DE	

US-CL-CURRENT: 435/7.92; 435/320.1, 435/325, 435/6, 435/69.1, 530/350, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
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☐ 6. Document ID: US 20030129686 A1

L1: Entry 6 of 22

File: PGPB

Jul 10, 2003

PGPUB-DOCUMENT-NUMBER: 20030129686  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030129686 A1

TITLE: Novel nucleic acid and polypeptide molecules

PUBLICATION-DATE: July 10, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Glass, David J.	Cortlandt Manor	NY	US	
Bodine, Sue C.	West Harrison	NY	US	

US-CL-CURRENT: 435/69.1; 435/320.1, 435/325, 530/350, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
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☐ 7. Document ID: US 20030077288 A1

L1: Entry 7 of 22

File: PGPB

Apr 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030077288  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030077288 A1

TITLE: Compositions and methods for treatment of muscle wasting

PUBLICATION-DATE: April 24, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Goldberg, Alfred L.	Chestnut Hill	MA	US	
Gomes, Marcelo D.	Brookline	MA	US	
Lecker, Stewart H.	Brookline	MA	US	
Jago, R. Thomas	Ellesmere		GB	

US-CL-CURRENT: 424/185.1; 424/94.1, 530/350

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Drawings
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☐ 8. Document ID: US 20030046728 A1

L1: Entry 8 of 22

File: PGPB

Mar 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030046728

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030046728 A1

TITLE: Compositions isolated from plant cells and their use in the modification of plant cell signaling

PUBLICATION-DATE: March 6, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Strabala, Timothy	Auckland		NZ	
Nieuwenhuizen, Nicolaas	Auckland		NZ	
Higgins, Colleen M.	Auckland		NZ	

US-CL-CURRENT: 800/278; 435/320.1, 435/419, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Drawings
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☐ 9. Document ID: US 20030022837 A1

L1: Entry 9 of 22

File: PGPB

Jan 30, 2003

PGPUB-DOCUMENT-NUMBER: 20030022837

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030022837 A1

TITLE: Modulation of cell division by an early mitotic inhibitor protein

PUBLICATION-DATE: January 30, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
------	------	-------	---------	---------

Jackson, Peter K.	Stanford	CA	US
Reimann, Julie Regan	Menlo Park	CA	US

US-CL-CURRENT: [514/12](#); [514/44](#), [530/350](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
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☐ 10. Document ID: US 20030007956 A1

L1: Entry 10 of 22

File: PGPB

Jan 9, 2003

PGPUB-DOCUMENT-NUMBER: 20030007956  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030007956 A1

TITLE: Proteins that interact with betaTrCP

PUBLICATION-DATE: January 9, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Legrain, Pierre	Paris		FR	
Benarous, Richard	Paris		FR	
Blot, Guillaume	Sarcelles		FR	
Lassot, Irina	Sarcelles		FR	

US-CL-CURRENT: [424/93.21](#); [435/183](#), [435/320.1](#), [435/325](#), [435/455](#), [435/69.1](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
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Print

Fwd Refs

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Terms

Documents

f box with (hybrid or fusion)

22

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Change Format

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## Hit List

**Search Results - Record(s) 11 through 20 of 22 returned.**

☐ 11. Document ID: US 20030003564 A1

Using default format because multiple data bases are involved.

L1: Entry 11 of 22

File: PGPB

Jan 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030003564  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030003564 A1

TITLE: Methods and compositions for modulating ubiquitin dependent proteolysis

PUBLICATION-DATE: January 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Tyers, Mike	Toronto		CA	
Willems, Andrew	Toronto		CA	

US-CL-CURRENT: 435/226; 424/94.63

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draws
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☐ 12. Document ID: US 20020147145 A1

L1: Entry 12 of 22

File: PGPB

Oct 10, 2002

PGPUB-DOCUMENT-NUMBER: 20020147145  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020147145 A1

TITLE: Materials and methods relating to the degradation of Cdc25A in response to DNA damage

PUBLICATION-DATE: October 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mailand, Niels	Kobenhavn		DK	
Hansen, Jacob Falck	Kobenhavn		DK	
Bartek, Jiri	Greve		DK	
Lukas, Jiri	Greve		DK	
Lukas, Claudia	Greve		DK	

Syljuasen, Randi                      Kobenhavn                      DK  
Lundgren, Karsten                      Fredensborg                      DK

US-CL-CURRENT: 514/12; 514/283, 514/453, 600/1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 13. Document ID: US 20020123082 A1

L1: Entry 13 of 22

File: PGPB

Sep 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020123082  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020123082 A1

TITLE: Methods to identify compounds useful for the treatment of proliferative and differentiative disorders

PUBLICATION-DATE: September 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Pagano, Michele	New York	NY	US	

US-CL-CURRENT: 435/7.23; 435/23

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 14. Document ID: US 20020068063 A1

L1: Entry 14 of 22

File: PGPB

Jun 6, 2002

PGPUB-DOCUMENT-NUMBER: 20020068063  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020068063 A1

TITLE: Proteolysis targeting chimeric pharmaceutical

PUBLICATION-DATE: June 6, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Deshaies, Raymond J.	Claremont	CA	US	
Crews, Craig	New Haven	CT	US	
Sakamoto, Kathleen M.	Manhattan Beach	CA	US	

US-CL-CURRENT: 424/178.1; 435/226

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 15. Document ID: US 6730492 B2

L1: Entry 15 of 22

File: USPT

May 4, 2004

US-PAT-NO: 6730492

DOCUMENT-IDENTIFIER: US 6730492 B2

TITLE: Cell-based screening methods

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Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 16. Document ID: US 6730486 B1

L1: Entry 16 of 22

File: USPT

May 4, 2004

US-PAT-NO: 6730486

DOCUMENT-IDENTIFIER: US 6730486 B1

TITLE: Human .beta.TrCP protein

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Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 17. Document ID: US 6720181 B1

L1: Entry 17 of 22

File: USPT

Apr 13, 2004

US-PAT-NO: 6720181

DOCUMENT-IDENTIFIER: US 6720181 B1

TITLE: Ubiquitin ligases as therapeutic targets

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Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 18. Document ID: US 6573094 B1

L1: Entry 18 of 22

File: USPT

Jun 3, 2003

US-PAT-NO: 6573094

DOCUMENT-IDENTIFIER: US 6573094 B1

TITLE: F-box genes and proteins

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Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 19. Document ID: US 6426205 B1

L1: Entry 19 of 22

File: USPT

Jul 30, 2002

US-PAT-NO: 6426205

DOCUMENT-IDENTIFIER: US 6426205 B1

TITLE: Methods and compositions for modulating ubiquitin dependent proteolysis

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KNAC	Draw. Da
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☐ 20. Document ID: US 6232081 B1

L1: Entry 20 of 22

File: USPT

May 15, 2001

US-PAT-NO: 6232081

DOCUMENT-IDENTIFIER: US 6232081 B1

TITLE: Method for the detection of NF-.kappa.B regulatory factors

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KNAC	Draw. Da
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
f box with (hybrid or fusion)	22

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Search Results - Record(s) 21 through 22 of 22 returned.

☐ 21. Document ID: US 4278869 A

Using default format because multiple data bases are involved.

L1: Entry 21 of 22

File: USPT

Jul 14, 1981

US-PAT-NO: 4278869

DOCUMENT-IDENTIFIER: US 4278869 A

TITLE: Instrument mounting fixture

DATE-ISSUED: July 14, 1981

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McMullan; James P.	El Monte	CA	91733	

US-CL-CURRENT: 219/217; 392/443, 5/422

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	K00C	Draw De
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☐ 22. Document ID: WO 200022110 A2, AU 200012030 A

L1: Entry 22 of 22

File: DWPI

Apr 20, 2000

DERWENT-ACC-NO: 2000-317970

DERWENT-WEEK: 200027

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TITLE: Targeting degradation of polypeptide useful for treating cancer and other proliferative disorders, involves conjugating polypeptide with ubiquitin protein ligase or inhibiting ubiquitination using organic compound

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	K00C	Draw De
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
f box with (hybrid or fusion)	22

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NEWS 3 May 12 EXTEND option available in structure searching  
NEWS 4 May 12 Polymer links for the POLYLINK command completed in REGISTRY  
NEWS 5 May 27 New UPM (Update Code Maximum) field for more efficient patent  
SDIs in CAPlus  
NEWS 6 May 27 CAPlus super roles and document types searchable in REGISTRY  
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NEWS 8 Jun 28 Additional enzyme-catalyzed reactions added to CASREACT  
NEWS 9 Jun 28 ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG,  
and WATER from CSA now available on STN(R)  
  
NEWS EXPRESS MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004  
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FULL ESTIMATED COST

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0.21

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 L1 30 (F(2W) BOX)(5A) (HYBRID OR FUSION)

=> s (f(2w) box)(5a) (hybrid or fusion or chimer?)  
 L2 51 (F(2W) BOX)(5A) (HYBRID OR FUSION OR CHIMER?)

=> dup rem l2  
 PROCESSING COMPLETED FOR L2  
 L3 14 DUP REM L2 (37 DUPLICATES REMOVED)

=> d 1-10

L3 ANSWER 1 OF 14 HCAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2004:162352 HCAPLUS  
 DN 140:205121  
 TI Proteolysis targeting chimeric pharmaceutical  
 IN Dashaies, Raymond J.; Crews, Craig; Sakamoto, Kathleen M.  
 PA USA  
 SO U.S. Pat. Appl. Publ., 18 pp., Cont.-in-part of U.S. Ser. No. 953,473.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004038358	A1	20040226	US 2002-299203	20021118
	WO 2002020740	A2	20020314	WO 2001-US42158	20010910
	WO 2002020740	A3	20020808		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2002068063	A1	20020606	US 2001-953473	20010910
PRAI	US 2000-231359P	P	20000908		
	US 2001-953473	A2	20010910		
	WO 2001-US42158	A	20010910		

L3 ANSWER 2 OF 14 MEDLINE on STN DUPLICATE 1  
 AN 2004273243 IN-PROCESS  
 DN PubMed ID: 15173007  
 TI Proteasome-mediated destruction of the cyclin a/cyclin-dependent kinase 2 complex suppresses tumor cell growth in vitro and in vivo.  
 AU Chen Wei; Lee Jeongwu; Cho Steve Y; Fine Howard A  
 CS Neuro-Oncology Branch, National Cancer Institute, National Institutes of Neurological Disorder and Stroke, NIH, Bethesda, Maryland 20892, USA.  
 SO Cancer research, (2004 Jun 1) 64 (11) 3949-57.  
 Journal code: 2984705R. ISSN: 0008-5472.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS IN-PROCESS; NONINDEXED; Priority Journals  
 ED Entered STN: 20040603  
 Last Updated on STN: 20040604

L3 ANSWER 3 OF 14 MEDLINE on STN DUPLICATE 2

AN 2004009287 MEDLINE  
 DN PubMed ID: 14706645  
 TI Targeted degradation of beta-catenin by \*\*\*chimeric\*\*\* \*\*\*F\*\*\*  
 \*\*\*box\*\*\* \*\*\*fusion\*\*\* proteins.  
 AU Liu Jun; Stevens Jeffery; Matsunami Nori; White Raymond L  
 CS Ernest Gallo Clinic and Research Center, University of California San  
 Francisco, Emeryville, CA 94608, USA.  
 SO Biochemical and biophysical research communications, (2004 Jan 23) 313 (4)  
 1023-9.  
 Journal code: 0372516. ISSN: 0006-291X.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200403  
 ED Entered STN: 20040107  
 Last Updated on STN: 20040306  
 Entered Medline: 20040305

L3 ANSWER 4 OF 14 HCAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2003:118011 HCAPLUS  
 DN 138:164863  
 TI Nucleic acids coding for novel F-box proteins, their diagnostic and  
 therapeutic uses  
 IN Thomas, Dominique; Sargueil, Bruno; Scaerou, Frederic  
 PA Cytomics Systems, Fr.  
 SO PCT Int. Appl., 101 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA French  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003012103	A2	20030213	WO 2002-FR2783	20020801
	WO 2003012103	A3	20040422		
	W:		AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO		
	RW:		GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG		
	FR 2828208	A1	20030207	FR 2001-10363	20010801
PRAI	FR 2001-10363	A	20010801		

L3 ANSWER 5 OF 14 MEDLINE on STN DUPLICATE 3  
 AN 2003525744 MEDLINE  
 DN PubMed ID: 14563921  
 TI Eradication of pathogenic beta-catenin by skp1/Cullin/F box ubiquitination  
 machinery.  
 AU Su Yunyun; Ishikawa Shinji; Kojima Masayuki; Liu Bo  
 CS Pittsburgh Cancer Institute, and Department of Pathology, University of  
 Pittsburgh, 5117 Centre Avenue, Pittsburgh, PA 15213, USA.  
 SO Proceedings of the National Academy of Sciences of the United States of  
 America, (2003 Oct 28) 100 (22) 12729-34.  
 Journal code: 7505876. ISSN: 0027-8424.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200401  
 ED Entered STN: 20031108  
 Last Updated on STN: 20040106  
 Entered Medline: 20040105

L3 ANSWER 6 OF 14 MEDLINE on STN DUPLICATE 4  
 AN 2003281241 MEDLINE  
 DN PubMed ID: 12808031  
 TI Mdm30 is an \*\*\*F\*\*\* - \*\*\*box\*\*\* protein required for maintenance of  
 \*\*\*fusion\*\*\* -competent mitochondria in yeast.  
 AU Fritz Stefan; Weinbach Nadja; Westermann Benedikt  
 CS Institut fur Physiologische Chemie, Universitat Munchen, Germany.  
 SO Molecularbiology of the cell, (2003 Jun) 14 (6) 2303-13.  
 Journal code: 9201390. ISSN: 1059-1524.

CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200402  
ED Entered STN: 20030617  
Last Updated on STN: 20040221  
Entered Medline: 20040220

L3 ANSWER 7 OF 14 HCAPLUS COPYRIGHT 2004 ACS on STN  
AN 2002:185294 HCAPLUS  
DN 136:227943  
TI Chimeric molecules for targeting proteins to the Skp1-Cullin-F box complex  
for ubiquitination and degradation  
IN Deshaies, Raymond J.; Crews, Craig; Sakamoto, Kathleen M.  
PA California Institute of Technology, USA; Yale University; The Regents of  
the University of California  
SO PCT Int. Appl., 35 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002020740	A2	20020314	WO 2001-US42158	20010910
	WO 2002020740	A3	20020808		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	AU 2001095041	A5	20020322	AU 2001-95041	20010910
	EP 1322750	A2	20030702	EP 2001-975749	20010910
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
	US 2004038358	A1	20040226	US 2002-299203	20021118
PRAI	US 2000-231359P	P	20000908		
	US 2001-953473	A2	20010910		
	WO 2001-US42158	W	20010910		

L3 ANSWER 8 OF 14 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN DUPLICATE 5  
AN 2002:159482 SCISEARCH  
GA The Genuine Article (R) Number: 520LT  
TI Isolation and characterization of a novel F-box protein Pof-10 in fission yeast  
AU Ikebe C; Kominami K; Toda T; Nakayama K I (Reprint)  
CS Kyushu Univ, Med Inst Bioregulat, Dept Mol & Cellular Biol, Higashi Ku, Maidashi 3-1-1, Fukuoka 8128582, Japan (Reprint); Kyushu Univ, Med Inst Bioregulat, Dept Mol & Cellular Biol, Higashi Ku, Fukuoka 8128582, Japan; Kyushu Univ, Med Inst Bioregulat, Dept Mol Genet, Fukuoka 8128582, Japan; Japan Sci & Technol Corp, CREST, Kawaguchi, Saitama 3320012, Japan; Imperial Canc Res Fund, Lab Cell Regulat, London WC2A 3PX, England  
CYA Japan; England  
SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (8 FEB 2002) Vol. 290, No. 5, pp. 1399-1407.  
Publisher: ACADEMIC PRESS INC, 525 B ST, STE 1900, SAN DIEGO, CA 92101-4495 USA.  
ISSN: 0006-291X.  
DT Article; Journal  
LA English  
REC Reference Count: 38  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 9 OF 14 HCAPLUS COPYRIGHT 2004 ACS on STN  
AN 2001:561137 HCAPLUS  
DN 135:285266  
TI Protacs: chimeric molecules that target proteins to the Skp1-Cullin-F box complex for ubiquitination and degradation  
AU Sakamoto, Kathleen M.; Kim, Kyung B.; Kumagai, Akiko; Mercurio, Frank; Crews, Craig M.; Deshaies, Raymond J.  
CS Department of Pediatrics and Pathology, Gwynn Hazen Cherry Memorial Laboratories, Mattel Children's Hospital at University of California Los



SO Angeles, University of California Los Angeles School of Medicine, Los Angeles, CA, 90095-1752, USA  
Proceedings of the National Academy of Sciences of the United States of America (2001), 98(15), 8554-8559  
CODEN: PNASA6; ISSN: 0027-8424  
PB National Academy of Sciences  
DT Journal  
LA English  
RE.CNT 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 10 OF 14 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
DUPLICATE 6  
AN 2002:361770 BIOSIS  
DN PREV200200361770  
TI Study on the fusion expression of FBX030: A novel member of F-Box protein family.  
AU Li Zhong-Hua [Reprint author]; Zhang Xiao-Hui [Reprint author]; Li Gui-Yuan [Reprint author]  
CS Xiangya School of Medicine, Cancer Research Institute, Central South University, Changsha, 410078, China  
SO Hunan Yike Daxue Xuebao, (Dec. 28, 2001) Vol. 26, No. 6, pp. 495-498. print.  
ISSN: 1000-5625.  
DT Article  
LA Chinese  
OS Genbank-NM032145  
ED Entered STN: 26 Jun 2002  
Last Updated on STN: 26 Jun 2002

=> d 7 ab

L3 ANSWER 7 OF 14 HCAPLUS COPYRIGHT 2004 ACS on STN  
AB The present invention is based on the discovery that an ubiquitin pathway protein ubiquitinates any target protein once the ubiquitin pathway protein and the target protein are placed in proximity by a chimeric construct that binds the ubiquitin pathway protein and the target protein. Accordingly the present invention provides a compn. that ubiquitinates a target protein. The compn. comprises an ubiquitin pathway protein binding moiety and a targeting moiety, wherein the ubiquitin pathway protein binding moiety recognizes an ubiquitin pathway protein and the targeting moiety recognizes a target protein and wherein the ubiquitin pathway protein binding moiety is coupled to the targeting moiety. In addn., the present invention provides libraries of compns., where each compn. contains an ubiquitin pathway protein binding moiety and a member of a mol. library, which can be used to identify proteins involved in a predtd. function of cells. The intracellular levels of many proteins are regulated by ubiquitin-dependent proteolysis. One of the best-characterized enzymes that catalyzes the attachment of ubiquitin to proteins is a ubiquitin ligase complex, Skp1-Cullin-F box complex contg. Hrt1 (SCF). We sought to artificially target a protein to the SCF complex for ubiquitination and degradn. To this end, we tested methionine aminopeptidase-2 (MetAP-2), which covalently binds the angiogenesis inhibitor ovalicin. A chimeric compd., protein-targeting chimeric mol. 1 (Protac-1), was synthesized to recruit MetAP-2 to SCF. One domain of Protac-1 contains the I.kappa.B.alpha. phosphopeptide that is recognized by the F-box protein .beta.-TRCP, whereas the other domain is composed of ovalicin. We show that MetAP-2 can be tethered to SCF.beta.-TRCP, ubiquitinated, and degraded in a Protac-1-dependent manner. In the future, this approach may be useful for conditional inactivation of proteins, and for targeting disease-causing proteins for destruction.

=> d 11-14

L3 ANSWER 11 OF 14 HCAPLUS COPYRIGHT 2004 ACS on STN  
AN 2000:21984 HCAPLUS  
DN 132:70491  
TI Reply to comments by N. J. Lopes Cardozo, F. C. Schuller, C. J. Barth on the article "Non-Maxwellian Thomson scattering spectra at the RTP tokamak as a new diagnostic tool" by \*\*\*F\*\*\* . M. A. \*\*\*Box\*\*\* , Nucl.  
\*\*\*Fusion\*\*\* 39 (1999) 1193  
AU Box, F. M. A.  
CS Neth.  
SO Nuclear Fusion (1999), 39(11), 1611-1612

CODEN: NUFUAU; ISSN: 0029-5515  
PB International Atomic Energy Agency  
DT Journal  
LA English  
RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 12 OF 14 HCAPLUS COPYRIGHT 2004 ACS on STN  
AN 2000:21983 HCAPLUS  
DN 132:70490  
TI Comments on the article "Non-Maxwellian Thomson scattering spectra at the  
RTP tokamak as a new diagnostic tool" by \*\*\*F\*\*\* . M. A. \*\*\*Box\*\*\* ,  
Nucl. \*\*\*Fusion\*\*\* 39 (1999) 1193  
AU Lopes Cardozo, N. J.; Schuller, F. C.; Barth, C. J.  
CS FOM Institute Plasmaphysics "Rijnhuizen", Nieuwegein, Neth.  
SO Nuclear Fusion (1999), 39(11), 1609-1610  
CODEN: NUFUAU; ISSN: 0029-5515  
PB International Atomic Energy Agency  
DT Journal  
LA English  
RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 13 OF 14 MEDLINE on STN DUPLICATE 7  
AN 2000117515 MEDLINE  
DN PubMed ID: 10652136  
TI The tomato I-box binding factor LeMYBI is a member of a novel class of  
myb-like proteins.  
AU Rose A; Meier I; Wienand U  
CS Institut für Allgemeine Botanik, Universität Hamburg, Ohnhorststr. 18,  
D-22609 Hamburg, Germany.  
SO Plant journal : for cell and molecular biology, (1999 Dec) 20 (6) 641-52.  
Journal code: 9207397. ISSN: 0960-7412.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-AJ243339  
EM 200003  
ED Entered STN: 20000330  
Last Updated on STN: 20000330  
Entered Medline: 20000321

L3 ANSWER 14 OF 14 MEDLINE on STN DUPLICATE 8  
AN 1998151527 MEDLINE  
DN PubMed ID: 9482900  
TI An additional role for the F-box motif: gene regulation within the  
Neurospora crassa sulfur control network.  
AU Kumar A; Paietta J V  
CS Department of Biochemistry and Molecular Biology, Wright State University,  
Dayton, OH 45435, USA.  
SO Proceedings of the National Academy of Sciences of the United States of  
America, (1998 Mar 3) 95 (5) 2417-22.  
Journal code: 7505876. ISSN: 0027-8424.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199804  
ED Entered STN: 19980416  
Last Updated on STN: 20030218  
Entered Medline: 19980409

=> d 14 kwic

L3 ANSWER 14 OF 14 MEDLINE on STN DUPLICATE 8  
AB . . . auxotrophy to a complete shutdown of cys-3+ gene expression. We  
have further analyzed F-box function by constructing a series of  
\*\*\*chimeric\*\*\* SCON2 proteins containing swapped \*\*\*F\*\*\* - \*\*\*box\*\*\*  
domains from the yeast transcriptional inhibitor Met30p and the Candida  
albicans cell cycle regulator Cdc4p. The ability of these chimeric. . .

=> d 14 ab

L3 ANSWER 14 OF 14 MEDLINE on STN DUPLICATE 8  
 AB The F-box represents a protein motif originally identified as a conserved amino-terminal domain within the Neurospora crassa negative regulator sulfur controller-2. Recently, F-boxes have been found within a number of cell cycle regulatory proteins, where they mediate ubiquitin-driven proteolytic events required for major cell cycle transitions. F-box function, however, is not restricted solely to cell cycle pathways. Here we present evidence expanding F-box function to encompass gene regulatory processes independent of the cell cycle through in vivo analysis of an F-box acting within the N. crassa sulfur regulatory network. The Neurospora sulfur circuit features a set of regulatory genes acting to modulate gene expression based on environmental sulfur conditions. These sulfur regulatory genes include cys-3+, which encodes a basic region-leucine zipper transcriptional activator, as well as the negative regulatory gene scon-2+. Through site-directed mutagenesis of the SCON2 F-box, we have generated a sulfur auxotrophic phenotype previously unobserved in any scon-2 mutant. Using Northern analysis, we have traced this auxotrophy to a complete shutdown of cys-3+ gene expression. We have further analyzed F-box function by constructing a series of \*\*\*chimeric\*\*\* SCON2 proteins containing swapped \*\*\*F\*\*\* - \*\*\*box\*\*\* domains from the yeast transcriptional inhibitor Met30p and the Candida albicans cell cycle regulator Cdc4p. The ability of these chimeric proteins to restore partial wild-type sulfur regulation in vivo emphasizes the universal nature of this motif and confirms the functional importance of the F-box within noncell cycle regulatory pathways.

=> dis his

(FILE 'HOME' ENTERED AT 22:42:22 ON 11 JUL 2004)

FILE 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS, NTIS, ESBIODBASE, BIOTECHNO, WPIDS' ENTERED AT 22:42:37 ON 11 JUL 2004

L1 30 S (F(2W) BOX)(5A) (HYBRID OR FUSION)  
 L2 51 S (F(2W) BOX)(5A) (HYBRID OR FUSION OR CHIMER?)  
 L3 14 DUP REM L2 (37 DUPLICATES REMOVED)

=> log h

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	35.33	35.54
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.74	-0.74

SESSION WILL BE HELD FOR 60 MINUTES  
 STN INTERNATIONAL SESSION SUSPENDED AT 22:49:30 ON 11 JUL 2004